

Serial Number: 09/763,498

ENTERED

(PCT 09)

- ☐ Changed a format from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: Entered "hard returns" to correct format of sequence listing.

*Examiner: ~~The above corrections must be communicated to the applicant in the first Office Action.~~ DO NOT send a copy of this form.

3/1/95

DATE: 03/08/2001

TIME: 12:19:53

Output Set: N:\CRF3\03082001\I763498.raw

3/8/01

RAW SEQUENCE LISTING

DATE: 03/08/2001

PATENT APPLICATION: US/09/763,498

TIME: 12:19:53

Input Set : A:\Cpg.pto

Output Set: N:\CRF3\03082001\I763498.raw

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74 <400> SEQUENCE: 3
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77 caaggaaaga gcaaacagtt ccagtcacta ttaccttgct cccatgccaa tatctggaca      120
79 ctcttgagac gaacaggggg gatccacgt acatgggagt gcaaaggccg atga          174
82 <210> SEQ ID NO: 4
83 <211> LENGTH: 57
84 <212> TYPE: PRT
85 <213> ORGANISM: Mus sp.
87 <400> SEQUENCE: 4
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90 1          5          10          15
92 Ser Leu Gln Ser Gln Gly Lys Ser Lys Gln Phe Gln Ser Leu Leu Pro
93          20          25          30
95 Cys Ser His Ala Asn Ile Trp Thr Leu Leu Arg Arg Thr Gly Gly Ile
96          35          40          45
98 Pro Arg Thr Trp Glu Cys Lys Gly Arg
99          50          55
101 <210> SEQ ID NO: 5
102 <211> LENGTH: 213
103 <212> TYPE: DNA
104 <213> ORGANISM: Homo sapiens;
106 <400> SEQUENCE: 5
107 gaaaaggata taatggattt gtacaaccaa cccgagcctg tgaagtcctt tctcttctac      60
109 cacagccaga gtggcaggaa ctccaccttc gagtctgtgg ctttccctgg ctggttcac      120
111 gctgtcagct ctgaaggagg ctgtcctctc atccttaccc aagaactggg gaaagccaac      180
113 actactgact ttgggttaac tatgctgttt taa          213
116 <210> SEQ ID NO: 6
117 <211> LENGTH: 70
118 <212> TYPE: PRT
119 <213> ORGANISM: Homo sapiens
121 <400> SEQUENCE: 6
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124 1          5          10          15
126 Phe Leu Phe Tyr His Ser Gln Ser Gly Arg Asn Ser Thr Phe Glu Ser
127          20          25          30
129 Val Ala Phe Pro Gly Trp Phe Ile Ala Val Ser Ser Glu Gly Gly Cys
130          35          40          45
132 Pro Leu Ile Leu Thr Gln Glu Leu Gly Lys Ala Asn Thr Thr Asp Phe
133          50          55          60
135 Gly Leu Thr Met Leu Phe
136 65          70
138 <210> SEQ ID NO: 7
139 <211> LENGTH: 477
140 <212> TYPE: DNA
141 <213> ORGANISM: Homo sapiens;
143 <400> SEQUENCE: 7
144 atggaaaaag cattgaaaat tgacacacct cagcagggga gcattcagga tatcaatcat      60
146 cgggtgtggg ttcttcagga ccagacgctc atagcagtcg cgaggaagga ccgtatgtct      120
148 ccagtcacta ttgccttaat ctcatgcga catgtggaga cccttgagaa agacagaggg      180

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150 aaccccatct acctgggcct gaatggactc aatctctgcc tgatgtgtgc taaagtcggg      240
152 gaccagccca cactgcagct gaaggaaaag gatataatgg atttgtacaa ccaacccgag      300
154 cctgtgaagt cctttctctt ctaccacagc cagagtggca ggaactccac cttcgagtct      360
156 gtggctttcc ctggctgggt catcgctgtc agctctgaag gaggtgtcc tctcatcctt      420
158 acccaagaac tggggaaagc caacactact gactttgggt taactatgct gtttttaa      477
161 <210> SEQ ID NO: 8
162 <211> LENGTH: 158
163 <212> TYPE: PRT
164 <213> ORGANISM: Homo sapiens
166 <400> SEQUENCE: 8
168 Met Glu Lys Ala Leu Lys Ile Asp Thr Pro Gln Gln Gly Ser Ile Gln
169 1      5      10      15
171 Asp Ile Asn His Arg Val Trp Val Leu Gln Asp Gln Thr Leu Ile Ala
172      20      25      30
174 Val Pro Arg Lys Asp Arg Met Ser Pro Val Thr Ile Ala Leu Ile Ser
175      35      40      45
177 Cys Arg His Val Glu Thr Leu Glu Lys Asp Arg Gly Asn Pro Ile Tyr
178      50      55      60
180 Leu Gly Leu Asn Gly Leu Asn Leu Cys Leu Met Cys Ala Lys Val Gly
181 65      70      75      80
183 Asp Gln Pro Thr Leu Gln Leu Lys Glu Lys Asp Ile Met Asp Leu Tyr
184      85      90      95
186 Asn Gln Pro Glu Pro Val Lys Ser Phe Leu Phe Tyr His Ser Gln Ser
187      100     105     110
189 Gly Arg Asn Ser Thr Phe Glu Ser Val Ala Phe Pro Gly Trp Phe Ile
190      115     120     125
192 Ala Val Ser Ser Glu Gly Gly Cys Pro Leu Ile Leu Thr Gln Glu Leu
193      130     135     140
195 Gly Lys Ala Asn Thr Thr Asp Phe Gly Leu Thr Met Leu Phe
196 145     150     155
198 <210> SEQ ID NO: 9
199 <211> LENGTH: 108
200 <212> TYPE: PRT
201 <213> ORGANISM: Homo sapiens
203 <400> SEQUENCE: 9
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208 Leu Asn Gly Leu Asn Leu Cys Leu Met Cys Ala Lys Val Gly Asp Gln
209      20      25      30
211 Pro Thr Leu Gln Leu Lys Glu Lys Asp Ile Met Asp Leu Tyr Asn Gln
212      35      40      45
214 Pro Glu Pro Val Lys Ser Phe Leu Phe Tyr His Ser Gln Ser Gly Arg
215      50      55      60
217 Asn Ser Thr Phe Glu Ser Val Ala Phe Pro Gly Trp Phe Ile Ala Val
218 65      70      75      80
220 Ser Ser Glu Gly Gly Cys Pro Leu Ile Leu Thr Gln Glu Leu Gly Lys
221      85      90      95
223 Ala Asn Thr Thr Asp Phe Gly Leu Thr Met Leu Phe
224      100     105

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227 <211> LENGTH: 69
228 <212> TYPE: PRT
229 <213> ORGANISM: Homo sapiens
231 <400> SEQUENCE: 10
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234 1 5 10 15
236 Phe Leu Phe Tyr His Ser Gln Ser Gly Arg Asn Ser Thr Phe Glu Ser
237 20 25 30
239 Val Ala Phe Pro Gly Trp Phe Ile Ala Val Ser Ser Glu Gly Gly Cys
240 35 40 45
242 Pro Leu Ile Leu Thr Gln Glu Leu Gly Lys Ala Asn Thr Thr Asp Phe
243 50 55 60
245 Gly Leu Thr Met Leu
246 65
248 <210> SEQ ID NO: 11
249 <211> LENGTH: 77
250 <212> TYPE: PRT
251 <213> ORGANISM: Mus sp
253 <400> SEQUENCE: 11
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256 1 5 10 15
258 Asn Lys Lys Glu Pro Val Lys Ala Ser Leu Phe Tyr His Lys Lys Ser
259 20 25 30
261 Gly Thr Thr Ser Thr Phe Glu Ser Ala Ala Phe Pro Gly Trp Phe Ile
262 35 40 45
264 Ala Val Cys Ser Lys Gly Ser Cys Pro Leu Ile Leu Thr Gln Glu Leu
265 50 55 60
267 Gly Glu Ile Phe Ile Thr Asp Phe Glu Met Ile Val Val
268 65 70 75
270 <210> SEQ ID NO: 12
271 <211> LENGTH: 477
272 <212> TYPE: DNA
273 <213> ORGANISM: Homo sapiens;
275 <400> SEQUENCE: 12
276 atggaaaaag cattgaaaat tgacacacct cagcggggga gcattcagga tatcaatcat 60
278 cgggtgtggg ttcttcagga ccagacgctc atagcagtc ccaggaagga ccgtatgtct 120
280 ccagtcacta ttgccttaat ctcatgccga catgtggaga cccttgagaa agacagaggg 180
282 aaccccatct acctgggcct gaatggactc aatctctgcc tgatgtgtgc taaagtcggg 240
284 gaccagccca cactgcagct gaaggaaaag gatataatgg atttgtacaa ccaaccgag 300
286 cctgtgaagt cttttctctt ctaccacagc cagagtggca ggaactccac ctteagctct 360
288 gtggctttcc ctggctggtt catcgctgtc agctctgaag gaggtgtcc tctcatcctt 420
290 acccaagaac tggggaagc caactact gactttgggt taactatgct gtttttaa 477
293 <210> SEQ ID NO: 13
294 <211> LENGTH: 158
295 <212> TYPE: PRT
296 <213> ORGANISM: Homo sapiens
298 <400> SEQUENCE: 13
300 Met Glu Lys Ala Leu Lys Ile Asp Thr Pro Gln Arg Gly Ser Ile Gln

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301 1          5          10          15
303 Asp Ile Asn His Arg Val Trp Val Leu Gln Asp Gln Thr Leu Ile Ala
304          20          25          30
306 Val Pro Arg Lys Asp Arg Met Ser Pro Val Thr Ile Ala Leu Ile Ser
307          35          40          45
309 Cys Arg His Val Glu Thr Leu Glu Lys Asp Arg Gly Asn Pro Ile Tyr
310          50          55          60
312 Leu Gly Leu Asn Gly Leu Asn Leu Cys Leu Met Cys Ala Lys Val Gly
313 65          70          75          80
315 Asp Gln Pro Thr Leu Gln Leu Lys Glu Lys Asp Ile Met Asp Leu Tyr
316          85          90          95
318 Asn Gln Pro Glu Pro Val Lys Ser Phe Leu Phe Tyr His Ser Gln Ser
319          100          105          110
321 Gly Arg Asn Ser Thr Phe Glu Ser Val Ala Phe Pro Gly Trp Phe Ile
322          115          120          125
324 Ala Val Ser Ser Glu Gly Gly Cys Pro Leu Ile Leu Thr Gln Glu Leu
325          130          135          140
327 Gly Lys Ala Asn Thr Thr Asp Phe Gly Leu Thr Met Leu Phe
328 145          150          155

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VERIFICATION SUMMARY

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L:8 M:270 C: Current Application Number differs, Replaced Application Number
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date